



# Environmental Impact Assessment (EIA) (Webinar )

EIA is an important process for assessing impacts of usage of resources, producing products and generated wastes on human beings and surrounding environment and aids in identifying, predicting, evaluating the biophysical, social, and other relevant effects of development proposals prior to taking major decisions and making commitments for mitigatory measures in consultation with all stakeholders. This webinar series is intended to provide a precise comprehension of impacts, assessment means and evolving mitigation measures.

➤ **Importance of Meteorological aspects and dispersion Modelling in EIA study**

## **Contact:**

Smt. V G Sandhya

Assistant Director

E mail: [vg.sandhya@npcindia.gov.in](mailto:vg.sandhya@npcindia.gov.in)

## **What to Expect from this Webinar?**

This webinar series is designed to understand

- Principles of EIA, its requirement;
- Steps to be followed in conducting EIA study;
- Identification of impacts of activities on various components of environment (biotic and abiotic);
- Means to assess the extent of impact;
- Concepts to design mitigation measures;
- Evaluate EIA reports.

## **Who can Attend?**

The webinar can be attended by:

- Functional Area Experts, Env. coordinators
- Environment Consultants and NGOs,
- Academicians, students
- Regulators
- Industry professionals

## **EIA Principles, Processes and Regulatory Overview**

This session is would explain in brief

- Principles, concept and methods of EIA
- Perspectives of EIA
- Tools and techniques for conducting EIA
- Need for EIA and role of all stakeholders
- Generic Structure of EIA Report

## **Speaker: Shri. N.K.Kuttiappan**

Executive President

LVK Enviro Consultants

- Empanelled Assessor for EIA with QCI-NABET
- Empanelled Auditor with IRQS
- Having more than 35 years of rich experience in consultancy and training.

## **Speaker: Shri.VSS Bhaskara Murty**

Ex- Director (Environment Management)

National Productivity Council

- Empanelled Assessor for EIA with QCI-NABET
- More than 40 years of experienced in Industrial Air Pollution - Research, consultancy and capacity building.

## **Impact and mitigation measures on Air Environment**

This session aims at understanding the effects of new development on

- Estimation of emissions from operation and analysing the mitigation measures proposed
- Measures to be taken during baseline monitoring
- Impacts due to accidental leakage of chemicals

## **Importance of Meteorological aspects and dispersion modelling in EIA study**

This session aims at understanding

- Importance of meteorology inputs required for EIA study
- Precautionary measures to be followed during data collection
- Data interpretation and its significance

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## **Impact and mitigation measures on Water Environment**

This session aims at understanding the effects of new development on

- Change in course of water/ land terrain
- Effects on rivers due to withdrawal of fresh water and disposal of treated water
- Water availability and security
- Measures to be taken while baseline monitoring
- Rainwater harvesting
- Storm water run-off and management

